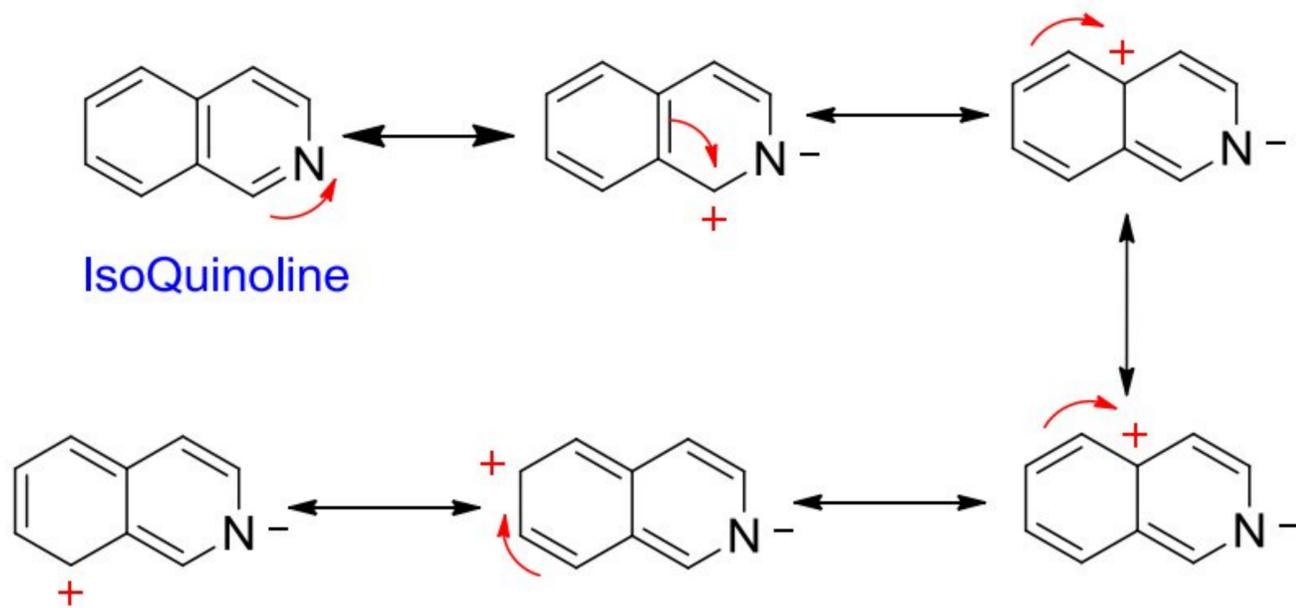
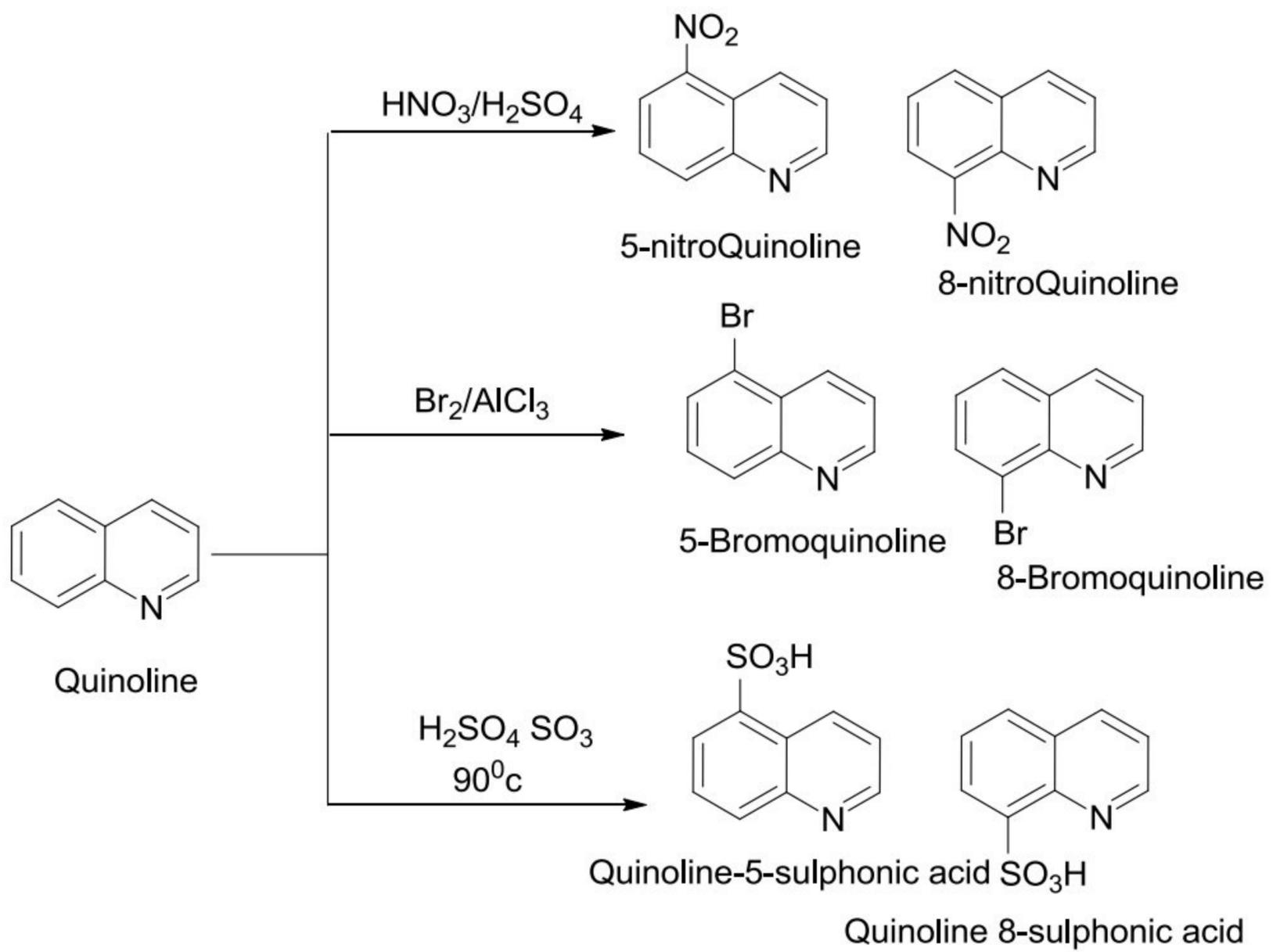


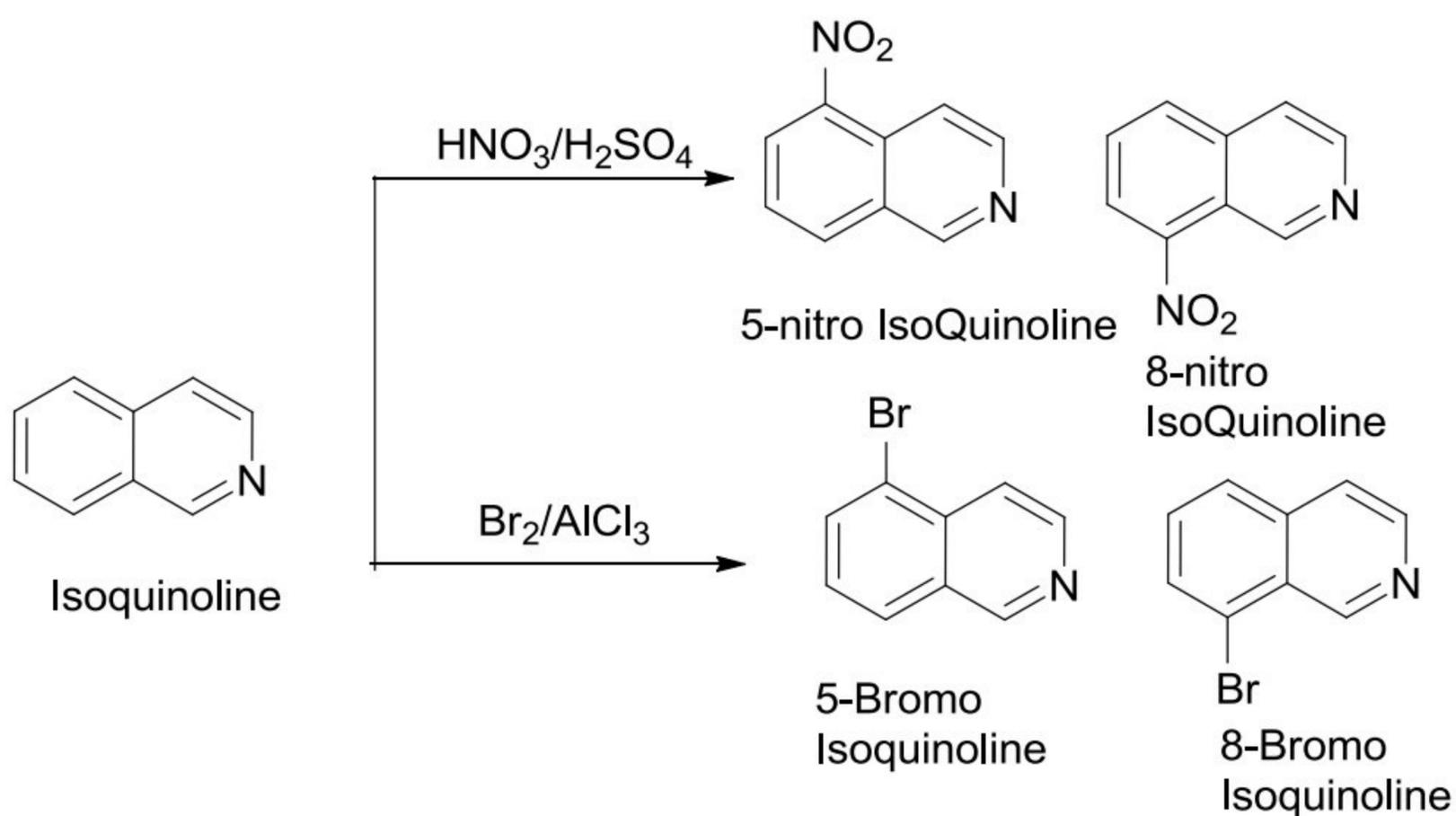
Isoquinoline



Electrophilic substitution at 5 and 8 position

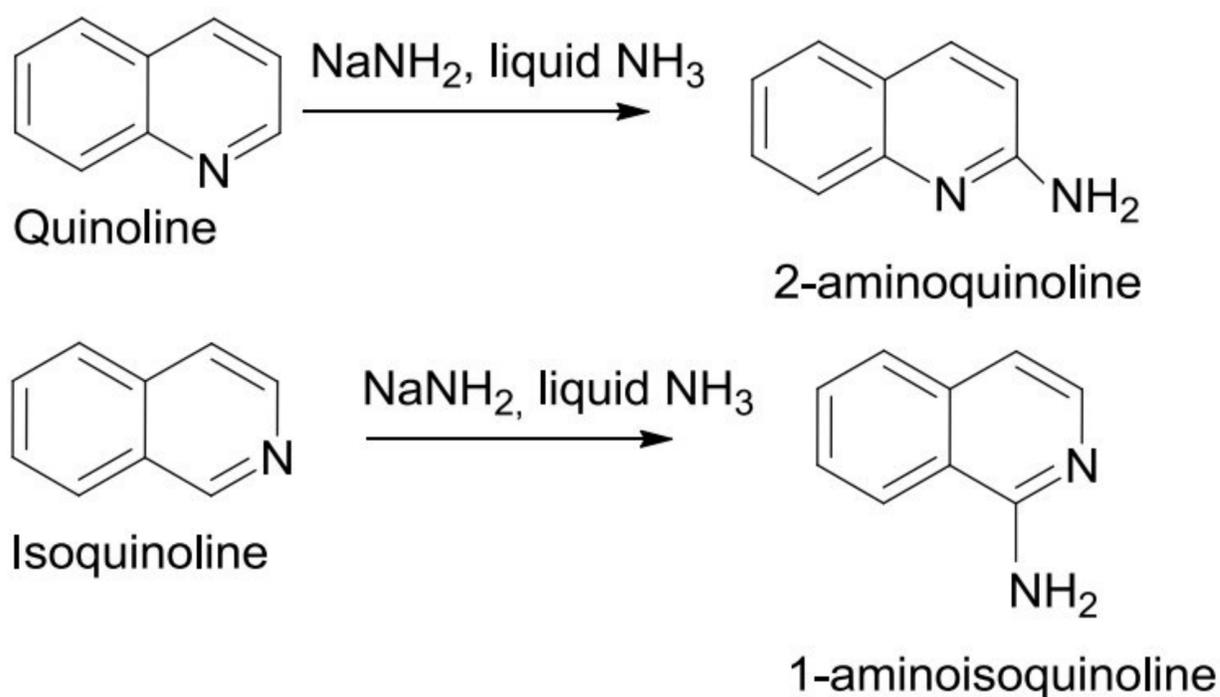


Isoquinoline



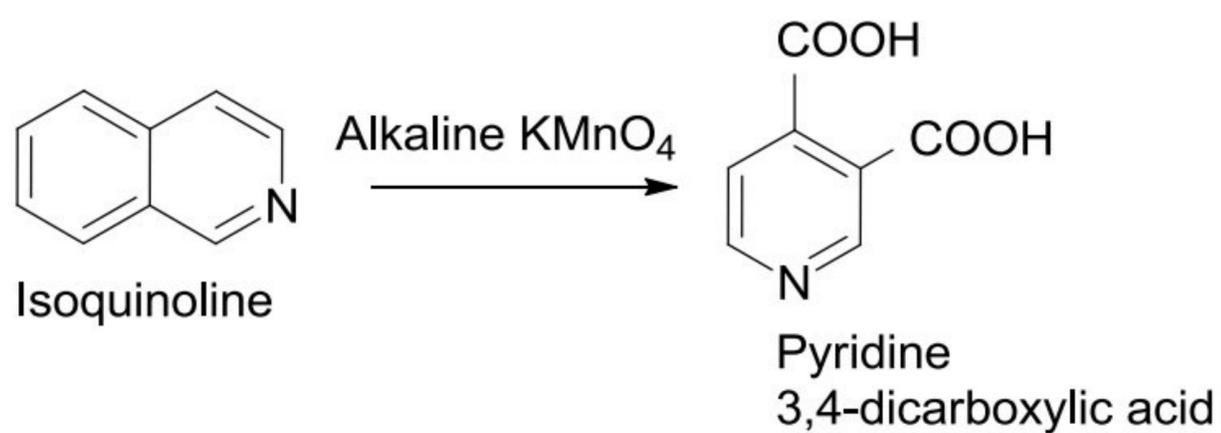
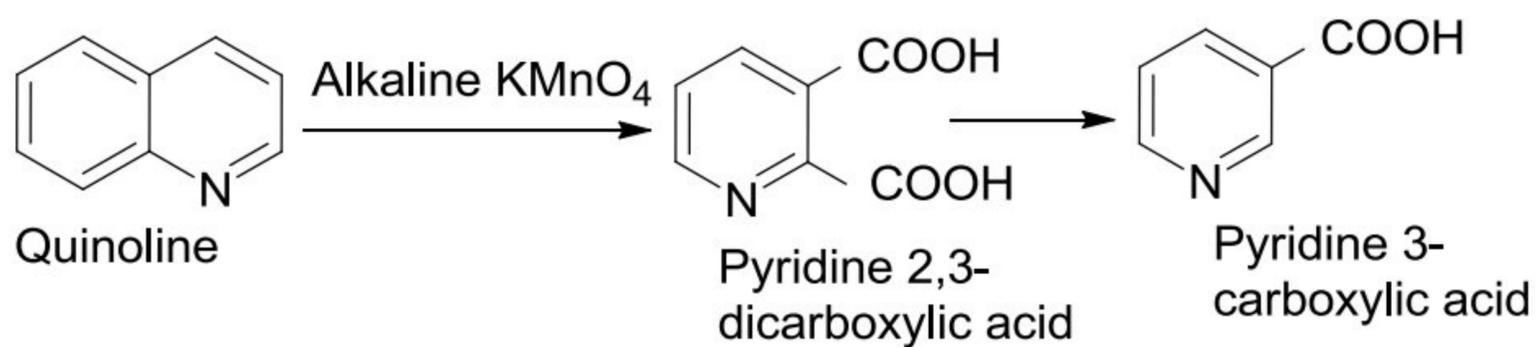
4.7.4 Nucleophilic Substitution

Quinoline and Isoquinoline undergo facile nucleophilic substitution same as in pyridine. Quinoline gives 2-aminoquinoline while isoquinoline gives 1-aminoisoquinoline.



4.7.5 Oxidation

Quinoline and isoquinoline undergo oxidative cleavage with alkaline KMnO_4 to form pyridine 2,3- and pyridine 3,4-dicarboxylic acids.



4.7.6 Reduction

Quinoline on reduction gives 1,2,3,4-tetrahydroquinoline.

